AUTHOR INDEX

Vol. 82 1991

Abe, Kaoru 325
Abe, Keishi 1344
Abe, Mitsuyuki 1171
Abe, Osahiko 476
Abe, Rikiya 27
Abe, Syuiti 486
Abe, Tatsuya 254
Abe, Yasuhito 23
Adachi, Isamu 710
Agatsuma, Toshinori 206, 456, 464, 1139
Aida, Takeo 1022
Aitio, Antero 146
Aitio, Mirja-Liisa 146
Aizawa, Kikuo 90
Aizawa, Shinichi 4, 1226
Ajdukiewicz, Andrew B. 240
Akachi, Shigemitsu 1336
Akamatsu, Ken-ichi 724
Akazawa, Shugo 613
Akedo, Hitoshi 493, 1104
Akiya, Toshikazu 613
Akiyama, Mitoshi 1349
Akiyama, Seiji 593, 1428
Akutsu, Miyuki 547
Akutsu, Yasuhiko 1022
Alison, Roger 157
Allam, Apparao 142
Amanuma, Toshihiro 632, 793
Amemiya, Youichi 547
Ames, Bruce N. 1460
Ando, Hiroshi 1003
Ando, Masayuki 245
Ando, Shoji 927
Aoki, Daisuke 854
Aoki, Toyohiko 1397
Arai, Hiroharu 934
Araki, Kimi 235
Arihiro, Koji 380
Arisawa, Yoshito 476
Asada, Minoru 848
Asakawa, Emiko 1211
Asamoto, Makoto 1220
Asano, Goro 1022
Ashida, Yoshiyuki 1104
Aso, Yoshio 286
Atagi, Shinji 716
Ayabe, Hiroyoshi 559
Aziz, Mehar 1284
Azuma, Ichiro 1112, 1120, 1130

Baba, Miyako 280, 987
Bannai, Kiyoshi 192
Bartsch, Helmut 146
Bernstein, Leslie 483
Bessho, Fumio 848
Betsuyaku, Takashi 613
Billi, Giovanna 1196
Bungo, Masami 747

Camus, Anne-Marie 146
Cardis, Elisabeth 146
Chan, Po C. 157
Cho, Myung-Je 1
Chou, Sawako 184
Chyou, Po-Huang 1366
Ciardiello, Fortunato 969
Cimoli, Guido 1196
Cohen, Samuel M. 1454
Cologne, John B. 1349
Cui, Lixin 1226

Dass, Tushar Kanti 1284
de Camargo, João Lauro Viana . 1220
Demura, Hiroshi 1008
Denda, Ayumi 632, 793
Ding, Lin-na 841
Doddi, Vijaya Prasad 142
Dohi, Kiyohiko 19, 875
Doi, Osamu 33, 273

Ebihara, Satoshi 40
Ebina, Takusaburo 1292
Ekimoto, Hisao 1035
Ema, Hideo 547
Emoto, Tadasu 490
Endo, Koichi 724
Endo, Mitsuo 245
Endo, Shozo 273
Endo, Yoshio 1165
Enkaku, Fumihide 1165
Enomoto, Kohji 27
Esumi, Hiroyasu 135, 363

Fawzy, Farid 716
Fujigaki, Masao 1317
Fujii, Noriyuki 1299
Fujii-Kuriyama, Yoshiaki 1325
Fujiki, Hirota . . . 518, 779, 993, 1234
Fujimaki, Masao 397
Fujimoto, Isaburo 33, 273, 762, 1069, 1356
Fujimoto, Nariaki 815, 1436
Fujimoto, Takuya 1044
Fujimura, Shinji 693, 1277
Fujinaga, Kei 532, 1340
Fujino, Ryuichi 367
Fujioka, Hiroyuki 758
Fujisawa, Takehiko 213
Fujita, Hiroshi 742
Fujita, Masami 1187
Fujita, Shin 476
Fujita, Yoshihiro 470
Fujitani, Yohei 676
Fujiwara, Hiromi 262
Fujiwara, Tazuko 1184
Fujiwara, Yasuhiro 747
Fukaura, Yoko 1089
Fukuda, Mamoru 27
Fukumoto, Manabu 890
Fukuoka, Masahiro 273, 1069
Fukuoka, Masamichi 657
Fukushima, Hisao 701
Fukushima, Kiyoyasu 559
Fukushima, Kunihiro 1184
Fukushima, Michio 532
Fukushima, Shoji 642, 650, 657, 784, 1077, 1220, 1371
Fukutomi, Takashi 835
Fukuyama, Ryuichi 8
Furihata, Chie 686
Furuhashi, Yoshihito 433
Furui, Tatsuro 1391
Furukawa, Kazuhiro 72
Furuno, Nobuaki 250
Furusako, Shoji 854
Furuse, Kiyoyuki 273
Furuta, Yasuhide 1226
Furuya, Yuzo 1245
Furuya-Suguri, Hiroko 779
Fuse, Makoto 476

Gajdusek, D. Carleton 240
Gallo, Robert C. 1466
Gao, Xiuhua 1207
Garruto, Ralph M. 240
Gasa, Shinsei 82
Gavarasana, Satyanarayana 142
Giardiello, Francis M. 266
Gotoh, Masahiro 1252, 1263
Grollman, Arthur P. 1450

Habu, Sonoko 257, 448, 1207
Hagiwara, Akihiro 642, 650
Hagiwara, Nobuyuki 1336
Hähnlen, Karel 1051
Hakoi, Kazuo 1085, 1378
Hakura, Akira 1187
Hama, Yuko 371

AUTHOR INDEX

Vol. 82 1991

Abe, Kaoru 325
Abe, Keishi 1344
Abe, Mitsuyuki 1171
Abe, Osahiko 476
Abe, Rikiya 27
Abe, Syuiti 486
Abe, Tatsuya 254
Abe, Yasuhito 23
Adachi, Isamu 710
Agatsuma, Toshinori 206, 456, 464, 1139
Aida, Takeo 1022
Aitio, Antero 146
Aitio, Mirja-Liisa 146
Aizawa, Kikuo 90
Aizawa, Shinichi 4, 1226
Ajdukiewicz, Andrew B. 240
Akachi, Shigemitsu 1336
Akamatsu, Ken-ichi 724
Akazawa, Shugo 613
Akedo, Hitoshi 493, 1104
Akiya, Toshikazu 613
Akiyama, Mitoshi 1349
Akiyama, Seiji 593, 1428
Akutsu, Miyuki 547
Akutsu, Yasuhiko 1022
Alison, Roger 157
Allam, Apparao 142
Amanuma, Toshihiro 632, 793
Amemiya, Youichi 547
Ames, Bruce N. 1460
Ando, Hiroshi 1003
Ando, Masayuki 245
Ando, Shoji 927
Aoki, Daisuke 854
Aoki, Toyohiko 1397
Arai, Hiroharu 934
Araki, Kimi 235
Arihiro, Koji 380
Arisawa, Yoshito 476
Asada, Minoru 848
Asakawa, Emiko 1211
Asamoto, Makoto 1220
Asano, Goro 1022
Ashida, Yoshiyuki 1104
Aso, Yoshio 286
Atagi, Shinji 716
Ayabe, Hiroyoshi 559
Aziz, Mehar 1284
Azuma, Ichiro 1112, 1120, 1130

Baba, Miyako 280, 987
Bannai, Kiyoshi 192
Bartsch, Helmut 146
Bernstein, Leslie 483
Bessho, Fumio 848
Betsuyaku, Takashi 613
Billi, Giovanna 1196
Bungo, Masami 747

Camus, Anne-Marie 146
Cardis, Elisabeth 146
Chan, Po C. 157
Cho, Myung-Je 1
Chou, Sawako 184
Chyou, Po-Huang 1366
Ciardiello, Fortunato 969
Cimoli, Guido 1196
Cohen, Samuel M. 1454
Cologne, John B. 1349
Cui, Lixin 1226

Dass, Tushar Kanti 1284
de Camargo, João Lauro Viana . 1220
Demura, Hiroshi 1008
Denda, Ayumi 632, 793
Ding, Lin-na 841
Doddi, Vijaya Prasad 142
Dohi, Kiyohiko 19, 875
Doi, Osamu 33, 273

Ebihara, Satoshi 40
Ebina, Takusaburo 1292
Ekimoto, Hisao 1035
Ema, Hideo 547
Emoto, Tadasu 490
Endo, Koichi 724
Endo, Mitsuo 245
Endo, Shozo 273
Endo, Yoshio 1165
Enkaku, Fumihide 1165
Enomoto, Kohji 27
Esumi, Hiroyasu 135, 363

Fawzy, Farid 716
Fujigaki, Masao 1317
Fujii, Noriyuki 1299
Fujii-Kuriyama, Yoshiaki 1325
Fujiki, Hirota . . . 518, 779, 993, 1234
Fujimaki, Masao 397
Fujimoto, Isaburo 33, 273, 762, 1069, 1356
Fujimoto, Nariaki 815, 1436
Fujimoto, Takuya 1044
Fujimura, Shinji 693, 1277
Fujinaga, Kei 532, 1340
Fujino, Ryuichi 367
Fujioka, Hiroyuki 758
Fujisawa, Takehiko 213
Fujita, Hiroshi 742
Fujita, Masami 1187
Fujita, Shin 476
Fujita, Yoshihiro 470
Fujitani, Yohei 676
Fujiwara, Hiromi 262
Fujiwara, Tazuko 1184
Fujiwara, Yasuhiro 747
Fukaura, Yoko 1089
Fukuda, Mamoru 27
Fukumoto, Manabu 890
Fukuoka, Masahiro 273, 1069
Fukuoka, Masamichi 657
Fukushima, Hisao 701
Fukushima, Kiyoyasu 559
Fukushima, Kunihiro 1184
Fukushima, Michio 532
Fukushima, Shoji 642, 650, 657, 784, 1077, 1220, 1371
Fukutomi, Takashi 835
Fukuyama, Ryuichi 8
Furihata, Chie 686
Furuhashi, Yoshihito 433
Furui, Tatsuro 1391
Furukawa, Kazuhiro 72
Furuno, Nobuaki 250
Furusako, Shoji 854
Furuse, Kiyoyuki 273
Furuta, Yasuhide 1226
Furuya, Yuzo 1245
Furuya-Suguri, Hiroko 779
Fuse, Makoto 476

Gajdusek, D. Carleton 240
Gallo, Robert C. 1466
Gao, Xiuhua 1207
Garruto, Ralph M. 240
Gasa, Shinsei 82
Gavarasana, Satyanarayana 142
Giardiello, Francis M. 266
Gotoh, Masahiro 1252, 1263
Grollman, Arthur P. 1450

Habu, Sonoko 257, 448, 1207
Hagiwara, Akihiro 642, 650
Hagiwara, Nobuyuki 1336
Hähnlen, Karel 1051
Hakoi, Kazuo 1085, 1378
Hakura, Akira 1187
Hama, Yuko 371

Hamaguchi, Michinari 1428
Hamaoka, Toshiyuki 262, 701
Hanai, Aya 762, 1356
Hara, Akio 916
Hara, Hideki 332
Harada, Ken-ichi 993
Harada, Masaoki 922
Haruta, Rumi 19
Hasan, Shahid 176, 1191
Hasegawa, Kiyohiko 632
Hasegawa, Ryohei
. . . . . 293, 657, 1077, 1085, 1378
Hasegawa, Ryuichi 165
Haseman, Joseph K. 157
Hashida, Mitsuru 219
Hashido, Madoka 1406
Hashimoto, Yoshiko 58
Hashimoto, Yoshiyuki
. . . . . 206, 448, 456, 464, 1139
Hashimoto, Yuichi 665
Hatakeyama, Katsuyoshi 90
Hatayama, Ichiro 807
Hattori, Nobu 879
Hattori, Shoji 273
Hayashi, Kenshi 1421
Hayashi, Takuji 86
Hayashi, Yoshiyuki 1371
Hayashi, Yuko 72
Heike, Yuji 716
Hiai, Hiroshi 176
Hiasa, Yoshio 1385
Higashi, Shunsaku 771
Higuchi, Yoshihiro 942
Hijikata, Makoto 879
Himeno, Takeshi 1203
Hino, Okio 4, 1226
Hiraide, Hoshio 835
Hirano, Jiro 1089
Hiraoka, Masahiro 1171
Hirata, Yoshiaki 893
Hiratsuka, Masaharu 1065
Hirayama, Yasuo 1203
Hirohashi, Setsuo
. . . . . 308, 835, 1252, 1263, 1354
Hiroki, Masae 974
Hirose, Masao 642, 784, 1211
Hirota, Masaki 559
Hirota, Sanae 397
Hirota, Teruyuki 308, 1354
Hiroyoshi, Motoki 758
Hitsumoto, Yasuo 23
Hiyama, Tomohiko 762, 1356
Hojo, Hiroshi 1139
Homma, Morio 1239
Honda, Kazuyoshi 27
Hongyo, Tadashi 701
Horai, Takeshi 493, 1069
Hori, Katsuyoshi 109, 958, 1309
Hori, Masaharu 1057
Hori, Tada-aki 371
Hori, Takako 742
Horii, Akira 1003
Horino, Toshio 27
Horio, Keizo 676
Horiuchi, Atsushi 23
Hoshi, Akio 1317
Hoshino, Munemitsu 1413
Hoshiya, Toru 1085, 1378
Hosoda, Syun 927
Hosokawa, Masakiyo 800
Hosono, Motoko 1371
Hotta, Hak 1239
Houkan, Takashi 950
Huff, James 157
Huismans, Dieuwke R. 1051

Iba, Hideo 58
Ibaraki, Tamotsu 411
Ichihara, Akira 807
Ichii, Makoto 280
Ichijo, Motohiko 411
Ichimura, Hiroshi 371
Ichinose, Masao 686
Ichitani, Michio 273
Ihara, Miheko 298
Iigo, Masaaki 1317
Iimori, Kazuto 922
Iishi, Hiroyasu 280, 987
Iizasa, Toshihiko 213
Ikawa, Yoji 250
Ikeda, Kenichiro 883
Ikeda, Mikio 367
Ikeda, Shuichi 1421
Ikeda, Toshiyuki 332
Ikeda, Yoshitaka 390
Ikegame, Kazuhiro 262
Ikehara, Susumu 176
Ikeuchi, Tatsuro 916, 1035
Imagawa, Shigehiko 547
Imai, Joko 367
Imai, Masao 1413
Imaida, Katsumi 293
Imamura, Fumio 493
Imamura, Jun 1421
Imamura, Kiichi 98, 315
Imanishi, Jiro 470
Imaoka, Shingi 420
Imura, Hiroo 890
Inaba, Kayo 539
Inaba, Muneo 176
Inagake, Masao 1336
Inai, Kouki 380
Inaji, Hideo 420
Ino, Yoshinori 1263
Inohara, Hidenori 701
Inomata, Motoko 747
Inoue, Hideo 1104
Inoue, Kinji 1436
Inoue, Masaki 1187
Inoue, Masao 51
Inoue, Naoya 1044
Inoue, Tadashi 1397
Inoue, Tohru 922
Inoue, Yuichiro 90
Ishibiki, Kyuya 476
Ishida, Tsunehiro 27
Ishido, Tatsuya 199, 1015, 1271
Ishii, Seiichi 862
Ishikawa, Yuichi 1349
Ishimoto, Tatsuro 1175
Ishizaka, Yukihito 965
Ishizaki, Yukuo 1112, 1120, 1130
Isoai, Atsushi 1104
Isobe, Ken-ichi 593, 841
Isoda, Yoshihiro 1089
Isozaki, Osamu 1008
Itabashi, Masayuki 1354
Itahashi, Koshiro 426
Itakura, Mitsuo 886
Ito, Akihiro 815, 1175, 1436
Ito, Chie 65
Ito, Hisao 19, 875, 969
Ito, Mizuko 1
Ito, Nobuyuki . . . 135, 293, 642, 784,
1085, 1211, 1378, 1397
Ito, Shin-ichiro 1
Ito, Tetsuo 613
Ito, Yoshihiko 922
Itoh, Sueyoshi 27
Itoh, Yoshinori 1203
Itou, Katsuki 593
Iwahana, Hiroyuki 886
Iwahashi, Toshiro 1035
Iwaki, Osamu 65
Iwama, Atsushi 547
Iwama, Takeo 916
Iwamoto, Aikichi 524, 676
Iwanaga, Takeshi 420
Iwasaki, Shogo 1378

Iwasaki, Yuzo 227
Iwata, Mitsumasa 433
Iwaya, Keiichi 835
Izumi, Tuguhiko 613
Izuo, Masaru 27
Izuta, Shunji 433

Jain, Sadhana 390
Jain, Suresh K. 390
Joong, Kim Dae 1085
Josui, Kazuya 476

Kadosawa, Hiroyuki 1317
Kadoya, Kuniko 12
Kagawa, Masataka 1397
Kageyama, Takashi 686
Kaibuchi, Kozo 758
Kajita, Akiyoshi 1069
Kakinuma, Mitsuaki 176, 1191
Kakizoe, Tadao 286, 386, 621
Kamataki, Tetsuya 426
Kameya, Toru 12
Kamihira, Shimeru 559
Kamino, Kenji 793
Kamiya, Hiroyuki 997
Kamiya, Kenji 511
Kamiya, Takashi 1178
Kanamaru, Ryunosuke 254
Kanda, Tadahito 1406
Kaneko, Motohisa 184
Kaneko, Shuichi 879
Kang, Jong-Hon 490
Kanisawa, Masayoshi 922
Kanisawa, Yuji 1203
Kano, Yasuhiko 547
Kano-Sueoka, Tamiko 829
Kanzaki, Hideharu 1044
Karaki, Yoshiaki 397
Kariya, Yoshitaka 1044
Karube, Toshiaki 638
Kasai, Hiroshi 829
Kasai, Kiyoshi 12
Kashiki, Yoshitomo 27
Kashima, Yuji 90
Kasono, Keizo 1008
Kasumimoto, Takanori 227
Kataoka, Masato 1428
Kataoka, Tateshi 346, 440
Katayama, Hiroo 638
Kato, Ikuko 1366
Kato, Ikunoshin 532, 1112, 1120, 1130
Kato, Kanefusa 820
Kato, Kazunori . . 206, 456, 464, 1139
Kato, Koichi 1263
Kato, Nobuyuki 879
Kato, Noriko 693, 1277
Kato, Shunichi 547
Kato, Toshio 784, 1220
Kato, Yo 1057, 1354
Kawabata, Masahiro 676
Kawada, Manabu 1160
Kawaguchi, Tokuichi 138
Kawa-Ha, Keisei 893
Kawahara, Katsunobu 559
Kawahara, Satoru 553
Kawajiri, Kaname 1325
Kawamoto, Tomoyuki 403
Kawamura, Hidenobu 883
Kawamura, Shiro 758
Kawana, Takashi 524, 1406
Kawase, Ichiro 332
Kawashima, Kohei 841
Kawato, Katsuhito 367
Khatun, Nasima 380
Kido, Choichiro 27
Kido, Jun-ichi 1104
Kihana, Toshimasa 308
Kihara, Takeshi 1044
Kikuchi, Hideaki 254
Kikuchi, Kokichi 862
Kikuchi, Teturo 339
Kikui, Masanori 1069
Kim, Hee-Kyoung 98, 315
Kim, Mujo 1336
Kimizuka, Fusao . . . 1112, 1120, 1130
Kimura, Genki 909
Kimura, Masami 732
Kimura, Shigeru 23
Kimura, Takuji 403
Kinoshita, Kazuo 607
Kinoshita, Tomohiro 1421
Kishimoto, Susumu 332
Kishimoto, Tadamitsu 752
Kitada, Mitsukazu 426
Kitagaki, Tadaharu 1442
Kitagawa, Kyoko 524
Kitagawa, Tomoyuki 4, 138, 1057, 1226
Kitahori, Yoshiteru 1385
Kitajima, Koichi 1178
Kitamura, Kazuya 219, 1145
Kitao, Yoshitaka 1336
Kitazawa, Shunji 632
Kiwada, Hiroshi 569
Kiyohashi, Atsushi 613
Klein, George 1470
Kobayashi, Hiroshi 490, 1340
Kobayashi, Kenichi 879
Kobayashi, Noboru 848
Kobayashi, Nobumasa 257
Kobayashi, Seiichi 176
Kobayashi, Toshifumi 854
Kodaira, Susumu 476
Koga, Yasuhiro 909
Kogawa, Katsuhisa 192
Kohgo, Yutaka 192, 1203
Koike, Kazuhiko 192
Koiso, Kenkichi 621
Koizumi, Kinya 724
Koizumi, Masuo 724
Kojima, Kiyohide 170, 433
Kojima, Yutaka 490
Komatsu, Kazuto 599
Kominami, Ryo 1061
Komiyama, Naoki 1406
Kondo, Haruki 213
Kondoh, Satoshi 793
Konishi, Noboru 1385
Konishi, Toshiro 686
Konishi, Yoichi 632, 793, 965
Konno, Toshimitsu 732
Kotanagi, Hitoshi 1089
Kotsugai, Mieko 1089
Kovatch, Robert M. 980
Koyama, Hirofumi 1089
Koyama, Hiroki 420
Koyama, Yasuo 974
Koyasaki, Naohiro 1199
Kubo, Katsuyuki 886, 1097
Kubo, Mitsumasa 176, 1191
Kubota, Tetsuro 476
Kudow, Satoru 298
Kumagai, Hiromichi 1104
Kumagai, Katsuo 1299
Kuni, Yukifusa 922
Kunishige, Eiji 716
Kunita, Nobuharu 755
Kuniyasu, Hiroki 969
Kuramochi, Hiroshi 1065
Kurata, Masahiko 273
Kurihara, Minoru 613
Kurihara, Soju 934
Kurihara, Takayuki 51
Kuriki, Hiroshi 170
Kurimura, Osamu 371
Kurimura, Takashi 371
Kuriyama, Keiko 1069
Kuroishi, Tetsuo 27, 1366

Kurokawa, Kiyoshi 686
Kurokawa, Yuji 165
Kusaka, Hisashi 1089
Kusano, Hiroyuki 559
Kushida, Hiromi 386
Kusunoki, Yoichiro 1349
Kusunoki, Yoko 1069
Kuwabara, Masayoshi 273
Kuwahara, Osamu 273
Kuwata, Katsuya 1336
Kyo, Shiro 1344
Kyoizumi, Seishi 1349

Lee, Gang-Hong 4, 676
Lertprasertsuke, Nirush 503
Li, Hong 4
Li, Yu 490
Li, Yu Ping 1171
Lijinsky, William 980
Liu, Jia 4
Loonen, Anne H. 1051
Lu, Jin 1413

Mabuchi, Kazunori 476
Mabuchi, Kiyohiko 875
Maeda, Hiroshi 351, 732
Maeda, Ken-ichi 716
Maesawa, Chihaya 883
Makabe, Takashi . . . 1112, 1120, 1130
Maki, Hideo 411
Maki, Takako 800
Makino, Susumu 1371
Makita, Akira 82
Mariani, Gabriella Lucia 1196
Maruo, Keishi 732
Maruyama, Hiroshi 632
Maruyama, Masakazu 138
Maruyama, Michio 245
Masuda, Yu 1184
Masui, Tohru 138
Masuko, Takashi 206
Masuno, Tomiya 332
Matsubara, Kenichi 235
Matsuda, Minoru 273, 1069
Matsukage, Akio 72
Matsukawa, Shigeru 942
Matsumoto, Takeo 820
Matsumoto, Tomoko 724
Matsumoto, Yoshihiro . . . 1120, 1130
Matsumura, Tomohiro 403
Matsumura, Yasuhiro 732
Matsunaga, Mikako 390
Matsuo, Yoshinobu 213
Matsushima, Masashi 686
Matsuyama, Mutsushi 1413
Matsuyama, Toshiya 19
Mikami, Hidetada 742
Miki, Kazumasa 686
Miki, Keizaburo 325
Miki, Tetsuzou 227
Miki, Yoshio 1003
Miller, James A. 1323, 1452
Minamihisamatsu, Masako 371
Minowada, Jun 213, 1178
Mitomi, Toshio 257
Mitsui, Hiroki 724
Miura, Kazunobu 997
Miura, Yasusada 547
Miya, Toshimichi 829
Miyachi, Yoshiki 1171
Miyaishi, Osamu 1413
Miyake, Masazumi 23
Miyaki, Michiko 138, 916
Miyakita, Makoto 916
Miyakoshi, Hideo 367
Miyamoto, Kanji 1178
Miyamoto, Yoichi 351
Miyashita, Toshiyuki 848
Miyata, Seiji 742
Miyauchi, Keisuke 420
Miyazaki, Itsuo 607, 1199, 1258
Miyazaki, Jun-ichi 235
Miyazaki, Masaru 1277
Miyazaki, Tamotsu 82
Miyoshi, Yasuo 1003
Mizuhashi, Fukutaro 1442
Mizukami, Yuji 1199
Mizukoshi, Mikio 367
Mizumoto, Kazuhiro 632
Mizumoto, Ryuji 771
Mizuno, Kazuhito 716
Mizuno, Masahiko 524
Mizuno, Takakazu 758
Mizutani, Shuki 848
Mochizuki, Hiroshi 854
Mogi, Yoshihiro 192
Mori, Haruyo 755
Mori, Hidehiro 1391
Mori, Hideki 1391
Mori, Satoru 1371
Mori, Shigeo 1035
Mori, Takahide 1044
Mori, Takashi 273
Mori, Takeo 916
Mori, Takesaburo 1349
Morikage, Toshihiko 747
Morikawa, Kazumi 724
Morimoto, Motoko 755
Morimoto, Tadaoki 27
Moriwaki, Hisataka 1234
Moriyama, Ryoichi 227
Moriyama, Yoichi 693, 1277
Moroi, Yoichi 909
Motomiya, Masakichi 254
Mukai, Kiyoshi 820, 835, 1421
Mukai, Mutsuko 493
Munakata, Shuji 397
Murai, Takashi 1371
Muraiso, Kanae 879
Murakami, Yoshinori 1421
Muramatsu, Hirohito 192
Muramatsu, Shigeru 539
Muraoka, Ryusuke 357
Murata, Jun 1112, 1120, 1130
Murata, Kazuko 1292
Murata, Kyoji 1442
Muratake, Hideaki 779
Murayama-Oda, Kikuno 98, 315
Muro, Masahiko 118
Murthy, Bellana S. R. 142
Muto, Terukazu 1061
Muto, Yasutoshi 879, 1234

Nagai, Hirokazu 1421
Nagai, Masaki 974
Nagai, Yoshiyuki 1428
Nagao, Minako . . 363, 386, 965, 1378
Nagase, Fumihiko 841
Nagase, Sumi 363
Nagatsu, Toshiharu 820
Nagoya, Satoshi 862
Nakagami, Tatsuyoshi 755
Nakagawa, Koji 1277
Nakagoe, Tohru 559
Nakahara, Kazuya 273
Nakaizumi, Akihiko 280, 987
Nakajima, Takashi 1252
Nakajima, Toshifusa 1003
Nakamura, Kazuhiko 909
Nakamura, Kishiko 890
Nakamura, Kyoichi . . 199, 1015, 1271
Nakamura, Mitsutoshi 1385
Nakamura, Nori 1349
Nakamura, Yasuharu 184
Nakamura, Yoshihiko 257, 1207
Nakamura, Yukio 547
Nakamura, Yusuke 1003
Nakanishi, Hayao 927
Nakaoka, Shingo 1385

Nakashima, Izumi 593, 841
Nakauchi, Hiromitsu 547
Nakaya, Kazuyasu 184
Nakayama, Katsutoshi 1299
Nakayasu, Michie 779
Nakazawa, Aiko 1187
Nakazawa, Shozo 1022
Naomoto, Yoshio 118
Narisawa, Tomio 1089
Natsume, Mitsutaka 779
Nemoto, Nobuo 901
Nerurkar, Vivek R. 240
Nii, Akihiko 716
Niitsu, Yorikazu 883
Niitsu, Yoshiro 192, 1203
Niki, Etsuo 503
Nimura, Yuji 170
Ninomiya, Mitsuo 1234
Nishi, Mieko 403
Nishii, Seiji 1385
Nishikawa, Akira 532
Nishikawa, Takeshi 1340
Nishimata, Yoshito 1271
Nishimoto, Yoshio 72
Nishimura, Shinichiro 235
Nishimura, Susumu 997
Nishimura, Takashi . . .257, 448, 1207
Nishina, Hiroshi 58
Nishio, Kazuto 747
Nishioka, Yasuhiko 716
Nishisaka, Takashi 380
Nishisho, Isamu 1003
Nishiwaki, Shinji 779, 993
Nishiwaki-Matsushima, Rie 993
Nishizawa, Mamoru 1271
Nishizawa, Yukio 1089
Nitanai, Hironobu 464
Nitta, Yasutaka 1299
Nitta, Yumiko 511
Niwa, Kenji 1391
Niwa, Ohtsura 511
Noguchi, Akinori 219, 1145
Noguchi, Akira 1145
Noguchi, Masakuni 1199
Noguchi, Shinzaburo 420
Nomoto, Kikuo 909
Nomura, Abraham M. Y. 1366
Nomura, Kimie 4, 1226
Nomura, Taisei 701
Noto, Takashi 257
Nozawa, Shiro 854, 934

Obinata, Masuo 376, 1344
Ochiai, Masako 363
Ochiya, Takahiro 235
Odawara, Takashi 676
Offerhaus, G. Johan A. 266
Ogawa, Kumiko 135, 363
Ogiso, Tadashi 1397
Ogita, Masami 27
Ogundigie, Peter O. 815, 1175
Ogura, Hajime 1184
Ogura, Mitsuo 1151
Ogura, Takeshi 332, 569, 716
Ohara, Kumiko 266
Ohara, Tadao 1371
Ohashi, Kazuhiko 1057
Ohi, Yasuyo 577
Ohira, Mutsuro 893
Ohkawa, Shinichi 922
Ohkawara, Akira 1340
Ohkoshi, Showgo 879
Ohkubo, Toshiharu 613
Ohmachi, Tetsuo 254
Ohmori, Tohru 747
Ohnishi, Hiroo 879
Ohnishi, Yukano 1428
Ohno, Tsuneya 339
Ohshima, Hiroshi 135
Ohshima, Masato 1385
Ohsumi, Kazuaki 1008
Ohta, Hirotoshi 138
Ohta, Tetsuya 993
Ohtake, Keiko 4, 1057, 1226
Ohtomo, Noriko 997
Ohtsu, Masumi 909
Ohtsuka, Eiko 997
Ohyama, Shigekazu 607, 1258
Ohyama, Waichiroh 40
Oka, Toshiaki 893
Okabe, Kazuaki 779
Okabe, Sachiko 779
Okada, Masashi 650
Okamoto, Aikou 820
Okamoto, Kazuya 1035
Okamoto, Norihiko 1044
Okamoto, Takashi 922
Okazaki, Ken-ichi 539
Okazaki, Kenji 250
Okazaki, Nobuo 879
Oki, Yutaka 710
Okubo, Kousaku 235
Okubo, Toshiteru 624
Okui, Katsuji 1277
Okumura, Ko 448, 1207
Okuno, Hiroyuki 58
Okuno, Masataka 1234
Okuno, Yoshiaki 890
Okuyama, Harue 176, 1120
Okuzumi, Jyunichi 1336
Omata, Masao 879
Omori, Masahide 1234
Oneda, Satoru 577
Ono, Hiroyuki 1203
Ono, Michiko 893
Ono, Shiro 701
Ono, Takao 486
Ono, Tetsuo 553, 922
Ootsu, Koichiro 950
Orita, Kunzo 118
Osada, Hirotaka 65
Oshimura, Mitsuo 1065
Ota, Jun 27
Otake, Toru 755
Oto, Michiei 245
Oyama, Atsushi 65

Pairojkul, Chawalit 1085
Paul, William 1458
Persico, M. Graziella 969
Pieters, Rob 1051
Prasad, Gorty V. S. N. R. 142
Prejean, J. D. 157

Rahman, S. M. Jamshedur 841
Rattan, Ashok 1284
Rikiishi, Hidemi 1299
Ross, Ronald K. 483
Rovini, Elisabetta 1196
Roy, Bidyut 815
Rubio, Carlos 86, 1354
Russo, Patrizia 1196
Ryu, Shin-ei 1069

Sadamoto, Seiji 511
Saeki, Toshiaki 969
Saeki, Toshio 397
Saga, Shinsuke 1413
Sagami, Ikuko 254
Sagara, Yukihiko 470
Sagata, Noriyuki 250
Saha, Sisir K. 497
Sai, Kimie 165
Saijo, Nagahiro 747
Saikawa, Masahisa 40
Saiki, Ikuo 1112, 1120, 1130
Saito, Daizo 325
Saito, Hidehiko 1421
Saito, Hiroaki 213

Saito, Kazuyoshi 883
Saito, Sachiko 109, 958, 1309
Saito, Shigeru 411
Saito, Shiro 886, 1097
Sakai, Ayako 518
Sakai, Ryuichi 965
Sakai, Shin-ichiro 779
Sakamaki, Sumio 1203
Sakamoto, Hiromi 308
Sakamoto, Michiie 1263
Sakamoto, Shinobu 547
Sakata, Keita 1413
Sakayori, Motoko 854, 934
Sakihara, Hiroshi 1299
Sakura, Yasufumi 950
Sakurada, Keisuke 82
Sakurai, Junko 901
Salomon, David S. 969
Sano, Junjiro 686
Sano, Masashi 1077
Sasagawa, Michizou 974
Sasai, Tadashi 613
Sasakawa, Michizou 27
Sasaki, Akio 176, 1191
Sasaki, Hirosuke 854
Sasaki, Masao 1349
Sasaki, Takuma 607, 1165, 1258
Sato, Hironori 58
Sato, Ichiro 854
Sato, Kanji 1008
Sato, Kiyomi 800, 807
Sato, Naohide 1245
Sato, Naoko 456
Sato, Shin 490
Sato, Takeo 33
Sato, Yasuko 1008
Satoh, Masao 883
Satoh, Takeshi 1344
Satoh, Tetsuo 800
Satta, Tetsuya 593
Sawamura, Kenji 273
Segawa, Kotaro 346, 440
Sekine, Teruaki 621
Sekiya, Souei 693
Seto, Masao 65
Sezaki, Hitoshi 219
Shibata, Masa-Aki 657, 784, 1077, 1211
Shibuya, Kazumoto 298
Shimada, Masamitsu 532
Shimano, Satoshi 532
Shimaoka, Katsutaro 875
Shimazaki, Jun 1245
Shimizu, Akio 922
Shimizu, Hiroyuki 483
Shimizu, Jun 262
Shimizu, Nobuyoshi 8
Shimizu, Satoru 927
Shimomatsuya, Takumi 357
Shimosato, Yukio 308, 820, 1252
Shimotohno, Kunitada . . 1, 879, 1421
Shimoyama, Masanori 1421
Shimoyama, Yutaka 1252, 1263
Shinkai, Kiyoko 493, 1104
Shino, Akio 950
Shinoda, Masayuki 503
Shinozaki, Mika 958, 1309
Shionoya, Shigehiko 170
Shirahige, Yutaka 710
Shirai, Tomoyuki 293, 650, 1077, 1085, 1211, 1220, 1378
Shiraiwa, Hiroshi 621
Shirasaka, Takuma 332
Shisa, Hayase 46
Shizume, Kazuo 1008
Shoin, Katsuo 1165
Shoin, Susumu 942
Shudo, Koichi 665
Sobue, Tomotaka 33, 273, 1069
Sone, Hideko 386
Sone, Saburo 569, 716
Sonoda, Shunrou 577
Sonoda, Takahiko 710
Stemmermann, Grant N. . . . 86, 1366
Suchi, Taizan 65
Suda, Toshio 547
Sudo, Katsuko 676
Suga, Shoji 613
Sugamura, Kazuo 257
Sugano, Haruo 1057
Suganuma, Masami . . . 779, 993, 1234
Sugawara, Isamu 1035
Sugawara, Yoshiko 1061
Sugie, Katsuji 1044
Sugimasa, Yukio 922
Sugimoto, Yoshikazu 1035, 1151
Sugimura, Takashi 135, 363, 386, 779, 965, 1378, 1448
Sugiyama, Kiyoshi 386
Sugiyama, Toshihiro 390
Suhara, Yasuji 346
Suto, Akihiko 476
Suzuki, Akira 890
Suzuki, Emako 650
Suzuki, Hideo 127
Suzuki, Katsuo 553
Suzuki, Maroh 109, 958, 1309
Suzuki, Michiyo 46
Suzuki, Mika 386
Suzuki, Misao 1344
Suzuki, Motoshi 433
Suzuki, Satoshi 1061
Suzuki, Shinya 464
Suzuki, Takaichiro 33, 273, 1069
Suzuki, Takeshi 58

Tachiyama, Yoshiro 380
Tagawa, Masatoshi 213
Tagawa, Yoshiaki 1397
Taguchi, Susumu 613
Taguchi, Tetsuo 27
Tahara, Eiichi 19, 325, 969
Tai, Masaru 742
Taji, Shiro 755
Tajima, Kazuo 1
Tajima, Masanori 298
Takaba, Katsumi 1378
Takada, Shinji 376
Takada, Toshinori 1061
Takagi, Atsuya 165
Takagi, Hiroshi 593, 1428
Takagi, Kunio 1057
Takahama, Yousuke 701
Takahashi, Ei-ichi 371
Takahashi, Hiromu 613
Takahashi, Katsutoshi 1065
Takahashi, Kazuhide 553
Takahashi, Kazuo 577
Takahashi, Ken 624
Takahashi, Kenji 686
Takahashi, Kojiro 403
Takahashi, Masahide 1413
Takahashi, Masahiro 1089
Takahashi, Michihito 965
Takahashi, Minoru 1203
Takahashi, Nobuo 1239
Takahashi, Satoru 135, 293
Takahashi, Tadateru 1175
Takahashi, Takayuki 686, 890
Takahashi, Terue 657
Takahashi, Toshio 219, 470, 1145, 1336
Takahashi, Toshitada 65
Takai, Kazuhiro 286
Takai, Yoshimi 758
Takaku, Fumimaro 965
Takakura, Yoshinobu 219
Takamizawa, Hiroyoshi 693
Takanashi, Atsushi 325

Takashina, Ken-ichiro 1145
Takatera, Hiroshi 701
Takatori, Toshiro 1151
Takayama, Shozo 1462
Takayama, Tetsuji 192
Takebe, Hiraku 51
Takeda, Kazuyoshi 1299
Takeda, Reiji 1371
Takeichi, Nobuo 19, 875
Takeichi, Noritoshi 490
Takekoshi, Susumu 503
Takema, Morio 539
Takemiya, Shoji 922
Takemoto, Kazuo 638
Takemura, Katsuji 245
Takeshima, Eisuke 1428
Takeshima, Yukio 380
Takeuchi, Tomio 1065
Takeuchi, Yasuhiro 1207
Takeuchi, Yasuyoshi 1371
Taki, Toshihiko 273
Tamai, Setsuo 922
Tamaki, Junko 176
Tamaki, Kuniyoshi 835
Tamakuma, Syouetsu 835
Tamano, Seiko 650
Tamaya, Teruhiko 1391
Tanabe, Toshifumi
. . . . . 206, 456, 464, 1139
Tanaka, Akira 657
Tanaka, Hideo 1356
Tanaka, Hikaru 1211
Tanaka, Keiji 807
Tanaka, Motohiro . . . 607, 1165, 1258
Tanaka, Naotake 693
Tanaka, Takehiko 98, 315
Tanaka, Takuji 1391
Tanaka, Yoshinori 286
Tanaka, Yoshiya 585
Tanda, Shigeru 109, 958, 1309
Taneda, Masaki 426
Tang, Jordan J. N. 686
Tanida, Noritoshi 1089
Tanigawa, Nobuhiko 357
Taniguchi, Haruo 280
Taniguchi, Masaru 213
Taniguchi, Naoyuki 390
Taniguchi, Shigehiko 403
Tanimoto, Masanori 511
Tanio, Yoshiro 332
Tanizawa, Osamu 1187
Tanji, Masao 686
Tarao, Kazuo 922
Tashiro, Hideya 27
Tateishi, Masaya 1336
Tateishi, Ryuhei 33
Tatematsu, Masae 686, 784
Tatsumi, Kouichi 51
Tatsuta, Masaharu 280, 987
Tatsuta, Tohru 127
Tawara, Katsuya 539
Terada, Masaaki 308, 1252
Teraoka, Hirobumi 51
Terasaki, Masaki 170
Terasaki, Takeo 820
Terashima, Masanori 883
Tersmette, Anne C. 266
Tersmette, Kasper W. F. 266
Teshima, Shin-ichi 1252
Thamavit, Witaya 1085
Thomas, Barbara J. 980
Tiwawech, Danai 642
Tobinai, Kensei 1421
Tobisu, Ken-ichi 286, 621
Togashi, Yuji 448, 490
Toge, Tetsuya 969
Togo, Masaharu 298
Tokuda, Yutaka 257, 1207
Tokudome, Shinkan 871
Tomida, Akihiro 127
Tominaga, Keigo 974
Tominaga, Suketami 27
Tomita, Isao 1442
Tomita, Masao 559
Tomita, Noriko 1178
Tomoda, Yutaka 433
Tonomura, Akira 916
Tonouchi, Shin 1015
Tsuda, Hiroyuki 1397
Tsuda, Hitoshi 308, 835
Tsugawa, Kouichirou 1258
Tsuji, Takao 315
Tsujiuchi, Toshifumi 632, 793
Tsukamoto, Taiji 893
Tsukazaki, Katsumi 854, 934
Tsunematsu, Yukiko 893
Tsunokawa, Youko 1252
Tsurumi, Hiroshi 1145
Tsuruo, Takashi 1035, 1151
Tsutsui, Kazushige 1171
Tsutsumi, Masahiro . . . 632, 793, 965
Tsutsumi, Yutaka 503
Tsuyuguchi, Masaru 1097
Tytgat, Guido N. J. 266

Uchida, Atsushi 1044
Uchino, Junichi 490
Udagawa, Yasuhiro 854
Ueba, Noboru 755
Ueda, Ryuzo 65
Uede, Toshimitsu 862
Uehara, Hiroyuki 280, 987
Uehara, Yoshio 82
Uematsu, Fumiyuki 254
Ueno, Yoshio 346, 440
Umeki, Shigeko 1349
Umekita, Yoshihisa 577
Umemura, Takashi 165
Umezawa, Kazuo 779, 1160
Une, Yoshie 490
Uno, Kazuko 539
Urakami, Kenichi 325
Ushijima, Toshikazu 965
Ushijima, Yasuhiko 916
Utakoji, Tadashi 138
Utsunomiya, Joji 1003
Uura, Masashi 879
Uwagawa, Satoshi 1397

Vande Woude, George F. 250
Vandenbroucke, Jan P. 266
Veerman, Anjo J. P. 1051
Venturini, Marco 1196
Vogt, Peter K. 1456

Wada, Chieki 12
Wada, Makio 820
Wada, Masakatsu 227
Wada, Takuro 862
Wajjwalku, Worawidh 1413
Wakabayashi, Keiji 363, 386
Wakamiya, Nobutaka 448
Wakui, Akira 254
Wang, Ziyuang 315
Watabe, Yoshio 1245
Watanabe, Hiromitsu 1175, 1436
Watanabe, Hiromu 27
Watanabe, Katsuto 257
Watanabe, Keiichi 503
Watanabe, Mariyo F. 993
Watanabe, Masatoshi 332
Watanabe, Michiko 339
Watanabe, Minro 254
Watanabe, Motoko 138
Watanabe, Naoki 192, 1203
Watanabe, Nobumoto 250
Watanabe, Shaw 624, 638, 893
Watanabe, Shuichi 1184
Watanabe, Sumie 1406

Watanabe, Tadashi 593, 1428
Watanabe, Toru 710, 829
Weinhouse, Sidney 1464
Wong, Ricky N. S. 686

Xiao, Hengyi 1428

Yabe, Miharu 547
Yabe, Yoshiro 1184
Yagita, Hideo 448, 456, 1139
Yagita, Masato 1044
Yajima, Masazumi 854
Yamada, Takashi 1340
Yamada, Yuichi 807
Yamagata, Sadako 927
Yamagiwa, Kentaro 771
Yamaguchi, Hajime 1015
Yamaguchi, Ken 820
Yamaguchi, Masamitsu 72
Yamaguchi, Naohito 624
Yamaguchi, Nobuo 1406
Yamaguchi, Shuji 293, 642, 657
Yamaguchi, Toshiharu 219, 1145
Yamaguchi, Yutaka 213
Yamakawa, Yasushi 532
Yamamoto, Atsushi 657
Yamamoto, Hisashi 875
Yamamoto, Hitoshi 420
Yamamoto, Satoru 27
Yamamoto, Takaaki 476
Yamamoto, Tetsuro 732
Yamamoto, Tsutomu 875
Yamamoto, Yorihiro 503
Yamamura, Ken-ichi 235
Yamanaka, Hiromichi 893
Yamane, Tetsuro 470, 1336
Yamaoka, Kanji 934
Yamasaki, Masato 371
Yamasaki, Non 755
Yamashita, Chikamasa 569
Yamashita, Junkoh 1165
Yamashita, Toshiharu 1340
Yamashita, Uki 585
Yamate, Jyoji 298
Yamauchi, Masaji 593
Yamauchi, Masatake 371
Yamauchi, Osamu 1234
Yamawaki, Shinya 862
Yamazaki, Masatoshi 1028
Yamazaki, Yoshihiko 1089
Yanagawa, Hiroaki 716
Yanagihara, Richard 240
Yanagisawa, Akio 1057
Yanai, Nobuaki 1344
Yandell, David W. 1468
Yano, Yoko 176, 1191
Yaosaka, Tohru 613
Yasui, Kenzo 927
Yasui, Wataru 325, 969
Yasumitsu, Tsutomu 273
Yasumizu, Ryoji 176
Yokochi, Takashi 841
Yokoe, Takao 27
Yokogoshi, Yutaka 1097
Yokoi, Toyoharu 1413
Yokoro, Kenjiro 511, 875
Yokota, Jun 820, 1252
Yokoyama, Yasuhiro 1391
Yokozaki, Hiroshi 325, 969
Yoneda, Junya 1112, 1120, 1130
Yonehara, Shuji 380
Yonemura, Yutaka 607, 1258
Yoshida, Aichi 577
Yoshida, Hiroki 577
Yoshida, Kazuhiro 325, 969
Yoshida, Koichi 27
Yoshida, Michihiro C. 486
Yoshida, Minoru 547
Yoshida, Mitsuaki A. 916
Yoshida, Mitsuji 747
Yoshida, Shigeaki 613, 1015
Yoshida, Shonen 170, 433
Yoshida, Tomoaki 841
Yoshie, Osamu 411
Yoshiike, Kunito 1406
Yoshikawa, Hiroyuki 524, 1406
Yoshikura, Hiroshi 524, 676
Yoshimoto, Katsuhiko 886, 1097
Yoshizaki, Naohito 192
Yoshizawa, Seiji 779, 993
Yoshizumi, Takashi 40
Yuasa, Yasuhito 245
Yui, Satoru 1028

Zanma, Soichi 1406
Zhang, Qiu-Hang 958, 1309
Zou, Jian-Ping 262

KEY WORD INDEX

Vol. 82 1991

A-bomb survivor 875
4A31 cells 8
Aberrant crypt 135
N-Acetylglucosamine-l-phosphotransferase 82
ACI/Seg rat 286
Acidic phospholipid 758
ACNU 1165
Active oxygen scavenger 386
Acute lymphoblastic leukemia (ALL) 1051
Adenoma 138, 245
Adenosine diphosphate (ADP) 192
Adenosine, methylthiodeoxy- 1104
Adrenocortical cancer 893
Adriamycinone-14-hemipimerate, (7-O-(2,6-dideoxy-2-fluoro-α-L-talopyranosyl)- (ME2303) 1317
Adult T cell leukemia (ATL) 367, 1423
AIDS 755
AKR mouse 176
Albumin 1226
Alcohol 771
Alcohol consumption 974
Alkylating agent 980
Allele loss 886
Aminoazobenzene, 3′-methyl-4-dimethyl- (3′-MeDAB) . . 397
3-Aminobenzamide 793
Aminobiphenyl, 3,2′-dimethyl-4- (DMAB) 286
Amphotericin B 747
Analbuminemic rat 363
Anaplastic cancer 19
Androgen dependency 1245
Angiotensin II 958, 1309
Anthracycline derivative 1317
Anti-asialo GM1 470
Anti-CD3 339
Anti-CD3 monoclonal antibody 1207
Anti-helminthic agent 1085
Anti-Lck monoclonal antibody 909
Anti-phosphotyrosine antibody 1428
Anti-tumor monoclonal antibody 621
Antibody-dependent cellular cytotoxicity 206
Antigen-presenting cells 262
Antioxidant 1454
Antipromoter 386
Antismoking 142
Antitrypsin-like protein (α1) 693
Antitumor activity 227
Antitumor effect 942, 950, 1292, 1317
L-Arginine 539
L-Arginine-dependent cytolytic activity 539
Argyrophilic cells 397
Aryl hydrocarbon hydroxylase 901
Ascites fluid 693
Ascorbic acid, 2-*O*-octadecyl- (CV-3611) 386
ATL 367, 1423
Autologous tumor killing 1044
Azoxymethane 1336

BALB/3T3 cells 518
BBN 1077, 1220, 1371
bcl-2 65
Biliverdin 755
Bioassay 1385
Biodistribution 227
Bispecific antibody 1207
Bladder cancer 624, 650
Bladder cancer promoter 1220
Bladder carcinogenesis 386, 657, 1077
Blast crisis 213
Bleomycin 1450
Blood group substance 559
Blood group-related antigen 934
Bloom's syndrome 51
Bone marrow transplantation 547
Bone-type alkaline phosphatase 862
Bradykinin 732
Brain tumor 1022
Breast cancer 27, 420, 829, 835, 893, 1199
Breast carcinoma 553, 559
Bromodeoxyuridine 357
Burkitt's lymphoma 848

c-H-*ras* 4, 997, 1340
c-*jun* 58
c-K-*ras* 245, 308, 965, 1057
c-*mos* 250
c-*myc* 371, 376, 1252
CA125 854
CA602 854
Calcitonin 1008
cAMP, 8-chloro- 325
cAMP-dependent protein kinase 325
Cancer cachexia 98
Cancer etiology 1325
Cancer prevention 1089, 1234
Cancer registry 762, 1356
Carbohydrate antigen 559
Carbon tetrachloride 503
Carboxylesterase isozyme 800
Carcinogen metabolism 901
Carcinogenesis 157
Carcinogenicity 380
Carcinoid 397
Case-control study 974
CAT assay 72, 1151, 1191
Catalase inhibitor 942
CD2 1139

CD4$^+$ T cells 257, 262, 1207
CD8$^+$ T cells 1178
CD34$^+$ cells 547
Cell adhesion 1112, 1130
Cell attachment 8
Cell cycle 118, 1258
Cell growth 820
Cepharanthine 351
Ceruloplasmin 486
Cervical cancer 524, 532, 1187, 1406
Cervical cancer cell line 1252
Cervical carcinoma 371, 411
Cervical carcinoma, uterus 710
Cervical dysplasia 411
Cetylmannoside 569
Chemosensitivity test 607, 1165
Chemotherapy 90, 476, 613
Chick embryo assay 1165
Chimeric protein 227
Chinese hamster cells 127
Cholangiofibrosis 397
Choline-deficient diet 390
Cholinesterase inhibitor 157
Chorioallantoic membrane 1165
Chorionic gonadotropin 12
Chromatin 376
Chromosome 1 1097
Chromosome 5q deletion 916
Chromosome 11 886
Chronic myeloid leukemia (CML) 213
Ciliated cells 86
Cisplatin 433, 747
Clonal growth 1196
Cloned cell line 298
Collagen gel culture 553
Collagen gel matrix 607
Colon cancer 1356
Colon carcinogen 135
Colon carcinogenesis 138, 1089, 1336
Colon carcinoma 90
Colony-stimulating factor (CSF) 890
Colorectal carcinoma 245
Combination effect 784, 1378
Combination therapy 464
Combined treatment 286
Concanavalin A-dependent agglutination 386
Copper 490
cripto 969
Cross-reactive tumor antigen 841
Cushing's syndrome 710
CV-3611 386
Cytochrome P-450 . . . . . 146, 390, 426, 1325
Cytopathic effect 1178
Cytotoxic T cells 585
Cytotoxicity 569

Dane particle 235
Daunorubicin (DNR) 1051
Dehydrofolate reductase (DHFR) 593
DEN 146, 632, 638
Deoxyspergualin 1065
Desmoid tumor 916
Developmental expression 235
Dextran 1145
Differentiation 33, 184, 553
Dinophysistoxin-1 518
DNA adduct 771
DNA fingerprinting 1061
DNA hypomethylation 390
DNA ligase I 51
DNA ploidy 820
DNA polymerase α 170
DNA polymerase β gene 72
DNA polymerase inhibition 433
DNA synthesis 922
DNA topoisomerase II 1035
DNA-strand breaks 184
DAase I hypersensitive site 376, 1191
Doubling time 357, 820
Drug delivery 109, 1309
Drug resistance 593, 747
Duodenal carcinogenesis 470
DWA2114R 433

E-cadherin 8
Ectopic ACTH 710
EGF receptor 8, 403
Ehrlich ascites tumor 315
ELISA 879
Endogenous *Mtv* loci 1413
Endometrial cancer 693, 934
Endometrial carcinoma 1391
Endothelin-1 958
ENNG 470
Epidemiology 1323
Epidermal growth factor (EGF) receptor 8, 403
(−)-Epigallocatechin gallate 1336
Epithelial cell line 138
Erratum 233, 873
Erythrocyte glycophorin A (GPA) gene 1349
Erythroleukemia cells 376
Esterase 206
17β-Estradiol 1199, 1391
Estrogen receptor 19, 771, 1436
Estrogen-dependent growth 1436
Estrogen-responsive pituitary tumor 815

Ethanolamine 829
Ethinyl estradiol 286
Ethyl carbamate 1323
Ethynylestradiol 771
Etoposide 1035

Familial adenomatous polyposis 245, 916
Familial history 974
Familial polyposis coli 138
Fatty acid 1089
Fatty metamorphosis 503
Fc receptor 206
α-Fetoprotein (AFP) 883
Fibroblast growth factor (FGF) 1022, 1263
Fibronectin 1112, 1120
Fibronectin, human recombinant 1130
Flow cytometry 357, 1258, 1349
Fluorescence *in situ* hybridization 371
5-Fluoro-2′-deoxyuridine (FUDR) 742
5-Fluoro-2′-deoxyuridine monophosphate (FdUMP) 742
Fluorocarbon 942
Fluoropyrimidine 476
fra-2 58
Fusion fragment 1130

G-CSF 346, 440
G_1 arrest 1065
Gastrectomy 1354
Gastric cancer 308, 607, 613, 1428
Gastric cancer, stump 266
Gastric cancer cell line 883
Gastric carcinogenesis 280
Gastric carcinoma 199, 927
Gastric carcinoma cell line 325
Gastric malignant lymphoma 1271
Gastric mucosa 86, 1354
Gastric tumor 1015
Gastrointestinal carcinoma 969
GDP/GTP exchange protein (GDS) 758
Gel mobility shift assay 72, 1151
Gene transfection 250, 1203, 1245
Genetic susceptibility 46
Genetics 893
Geographical variance 266
Germinal tumor 701
Glassy cells 1354
Glioma 339
β-Globin gene 376
Glucocorticoid 1008
Glucose oxidase 942
Glutamic oxalacetic transaminase (GOT) 1
Glutamic pyruvic transaminase (GPT) 1
Glutathione (GSH) 165
Glutathione *S*-transferase (GST) 293, 390, 593, 642, 807, 987, 1378, 1464
Glycosyltransferase 559
GM-CSF 1196, 1299
Granulocyte colony-stimulating factor (G-CSF) . . . 346, 440
Granulocyte-macrophage colony-stimulating factor (GM-CSF) 1196, 1299
Green tea 1336
Growth factor 807, 969
Growth kinetics 357
GST 293, 390, 593, 642, 807, 987, 1378, 1464
Guanine, 6-thio- 1051
Guanine, 8-hydroxy- 1460
Guanine, O^6-methyl- 997
Guanosine, 8-hydroxydeoxy- 165

H-2/erbB recombinant gene transfectant 841
HCC 4, 490, 503, 771, 922, 1263
HCV 1, 879
Heat shock protein 665
Hemangioendothelioma, D14 950
Hematopoietic stem cells 547
Hematoporphyrin derivative 599
Hepatic tumor 397
Hepatitis 879
Hepatitis C virus (HCV) 1, 879
Hepatocarcinogenesis 293, 771, 784, 800, 987, 1226
Hepatocellular carcinoma (HCC) 4, 490, 503, 771, 922, 1263
Hepatocellular tumor 146
Hepatocyte 807
Hepatocyte culture 901
Hepatoma 1234
Hepatoma, ascites 109, 493, 958, 1104, 1309
Hereditary hepatitis 486, 490
Heterocyclic amine 135, 363, 1378
Heterogeneity of cloned cell line 298
Histogenesis of gastric cancer 308
Hormone, lactogenic 553
HPV 411, 524, 532, 1252
HPV 8 1340
HPV 16 . . . . . 371, 1187, 1406
HPV 16 E7 1406
HPV 18 1184
hst 1191
hst-1 1245
HTLV-I 240, 367, 909
HTLV-I in Japan 1466
HTLV-II 1178
Human anti-E7 antibody 1406
Human immunodeficiency virus type 1 (HIV-1) 755
Human papillomavirus (HPV) 411, 524, 532, 1252
Human papillomavirus type 8 (HPV 8) 1340

Human papillomavirus type 16 (HPV 16) . . . 371, 1187, 1406
Human papillomavirus type 18 (HPV 18) 1184
Hydrogen clearance method 958
Hydroquinone 1211
Hypercalcemia 1008
Hyperosmolar non-ketotic coma 710
Hyperthermia 1171
Hypocatalasemic mouse 1175

IF-α 118, 346
IF-α/β 470
IF-γ 1028
IL-1 . . . . . 890, 1292, 1299
IL-2 . . . . . 275, 339, 716, 950, 1207
IL-2 receptor 257
IL-2/IL-2R receptor 1044
IL-4 585
IL-6 . . . . . 890, 1299, 1458
IL-8 1292
Image processing 199
Immortalization 1344
Immune complex 1284
Immunoglobulin heavy chain 65
Immunoglobulin heavy chain (IgH) gene 848
Immunohistochemistry 934
Immunomodulation 987
Immunosuppression 346
Immunosuppressive factor 332
In situ hybridization 1022
In vitro invasion 493
Indolactam-V, 7-(nerolidyl)-(−)- 779
Inhibition 280, 987
Inostamycin 1160
Insecticide 157
Insulin-like growth factor-1 (IGF-1) 815, 1199
Interferon-α (IFN-α) 118, 346
Interferon α/β (IF-α/β) 470
Interferon-γ (IFN-γ) 1028
Interleukin-1 (IL-1) 890, 1292, 1299
Interleukin-2 (IL-2) 257, 339, 716, 950, 1207
Interleukin-4 (IL-4) 585
Interleukin-6 (IL-6) 890, 1299, 1458
Interleukin-8 (IL-8) 1292
Intravesicular administration 980
Isoprenoid 127
Isozyme 800

Japanese Cancer Association for five decades 1462
Japanese cancer community, history of 1448
Japanese, in Hawaii 86

K562 cells 1035, 1151
Kallikrein 732
KB cells 1160
Kidney 165
Kidney tumor 1211
K*rev*-1 1470

L1210 1065
LAK cells 23, 206, 339, 448, 464, 585, 621, 716, 1139
LAK clone 456
Laminin 1112, 1130
Large granular cells 950
Laryngeal carcinoma 1184
Laser, gold vapor 599
Laser scanning microscopy 8
Latex agglutination inhibition test 1284
Lc4 934
lck 909
LEC rat 390, 486, 490
Letter to the Editor 871
Leukemia 82, 157, 1065
Leukemia cells 184
Leukemia virus 176
Lewis lung carcinoma 1317
LFA-1 . . . . . 206, 448, 456, 1139
Li-Fraumeni syndrome 893
Lineage marker 213
α-Linolenic acid 1089
Lipid peroxidation 165, 503
Liposome 569
Liver 426
Liver carcinogenesis 1085
Liver cell growth 170
Liver cell line 4
Liver cirrhosis 922
Liver metastasis 1220, 1299
Liver tumor 1211
Loss of heteroxzygosity 1003, 1097
Low dose 784, 1378
Lung adenocarcinoma 33
Lung cancer 109, 254, 273, 716, 1069
Lung cancer cell line 747
Lymphocyte 716
Lymphocyte function-associated antigen 1 (LFA-1) 206, 448, 456, 1139
Lymphokine-activated killer (LAK) cells 23, 206, 339, 448, 464, 585, 621, 716, 1139
Lymphoma 65, 1120
Lymphosarcoma 1366
Lymphotoxin 23, 227

Macrophage 257, 539, 1028
Macroscopical classification 1271
Malignant fibrous histiocytoma (MFH) 298
Malignant glioma 1165

Mammary neoplasm 577
Matrigel 1130
MCC locus 1003
MCNU 1165
*MDR*1 gene 1151
ME2303 1317
Medical exposure 1323
Medium-term assay 1220, 1397
Medium-term bioassay 293
Medroxyprogesterone acetate 420
Melanesia 240
Melanoma 1112
Melanoma-associated antigen gene 1239
Mesothelial cells 493
Meta-analysis 266
Metabolic activation 426, 1325
Metastasis 90, 192, 927, 1112, 1120, 1130, 1299, 1371
Meth A fibrosarcoma 346
Meth-A tumor 1171
Methylation 686, 1104
Microcirculation 958
Microcystin 993
Microtubule 1442
Migrant study 1366
Mitomycin 1450
Mitomycin C (MMC) 219, 613
Mitosis 1258
Mitotic arrest 1442
MMTV 1413
Modifying effect 642
Monoclonal antibody 213, 219, 403, 577, 854, 862, 934, 1145
Monocyte 346, 569, 716
Monocyte chemotactic factor 1292
Monooxygenase 146
Morphological conversion 676
Morphometry 1015
Mouse mammary tumor virus (MMTV) 1413
Mucinous cystic neoplasm 1057
Multidrug resistance 127, 351, 1035, 1151, 1160
Multiorgan carcinogenesis 642, 784, 793, 1397
Multiple endocrine neoplasia type 1 (MEN 1) 886
Multiple primary cancers 40
Multistep carcinogenesis 138, 1226
Multivariate analysis 27, 613
Murine fibrosarcoma 227
Mutagen 363
Mutation 997
myc 820
Myelodysplastic syndrome 82

N-*myc* 176
Neocarzinostatin 351, 1145
Nephrectomy 1385
Neuroendocrine carcinoma 1252
Neuroendocrine tumor 12
Neutrophil 440
Nicotinamide, N^1-methyl- 1277
Nicotinamide methyltransferase 1277
Nitrosamine 254, 980
Nitrosamine, diethyl- (DEN) 146, 632, 638
Nitrosamine, N-bis(2-hydroxypropyl)- 642
Nitrosamine, N-butyl-N-(4-hydroxybutyl)- (BBN) 1077, 1220, 1371
Nitrosamine, N-ethyl-N-(4-hydroxybutyl)- 650
Nitrosamine, N-ethyl-N-hydroxyethyl- 1385
N-Nitrosobis(2-hydroxypropyl)amine 793, 965
Nitrosoguanidine, N-ethyl-N′-nitro-N- (ENNG) 470
N-Nitrosomorpholine 987
Nitrosourea, N-methyl-N- 1391, 1397
Nitrosourea, propyl- 46
NK cells 470
nLc4 934
NON/She mouse 1371
Norethindrone acetate 771
Nude mouse 448, 476, 927, 950, 1199

Obituary: Yuichi Yamamura 752
Observed-to-expected (O/E) ratio 40
Occupation 624
Okadaic acid 518
Oncogenes, Japanese contribution 1456
Oral cancer 403
Ornithine decarboxylase 1089
Ornithine decarboxylase-induced (ODC) factor 315
Oropharyngeal cancer 1366
Osteosarcoma 862
Ovarian cancer cells 1196
Ovarian carcinoma 854

p53 . . . . . 835, 1421
P450 901
P450IIE1 254
Pancreas cancer 1057
Pancreatic carcinoma 632, 965
Papillary cancer 19
Papilloma 638
Parathyroid hormone-related protein 1008
Parathyroid tumor 875
Particle agglutionation 367
PCR 240, 524, 532, 848, 1022, 1184, 1187, 1423
Pendolmycin 779
Pepsinogen 686
Perforin 456
Perilla oil 1089
Pharyngeal carcinoma 1184

Phenylimidazo[4,5-*b*]pyridine, 2-amino-1-methyl-6- (PhIP) 135, 363
o-Phenylphenol (*o*-OPP) 657
PhIP 135, 363
Phosphoethanolamine 829
Phospholipid 1028, 1104
Phosphorylation 82
Phosphotyrosine 1428
Photodynamic therapy 599
Photolabeling 351
Photosensitivity, acute skin 599
Phthalocyanine, aluminum-chloro-tetrsulfonated 599
Pig skin 607
Pituitary tumor 815, 886, 1436
Plasminogen activator 732
Platelet 724
Platelet aggregation 192
Platinum complex 724
Platinum(II), *cis*-diaminedichloro- 433, 747
Point mutation 245
Poly(ADP-ribose) polymerase 793
Polyethylene glycol 1145
Polymerase chain reaction (PCR) 240, 524, 532, 848, 1022, 1184, 1187, 1423
Polyphenol 1336
Polyunsaturated fatty acid 503
Potassium bromate 165
Potassium chloride 280
Praziquantel 1085
Prognostic factor 27, 613, 829, 835
Progression 4
Proliferation-associated nuclear antigen 1258
Proline 901
Prostate cancer 286, 483
Protein kinase C activator 800
Protein phosphatase 2A 993
Provirus integration 176
PSK 1044
Pulmonary large cell carcinoma 12
4-(1*H*)-Pyridinone 1442
Pyrrolysate activation 426
Pyruvate kinase isozyme 315

Quercetin 1061
Quinoline 1-oxide, 4-nitro- 1452

Rapid cancer induction 1391
Recombinational mutation 1061
Rectal cancer 1356
Relative risk 266
Renal carcinogenesis 1385
Renal pelvic carcinoma 1371
Restriction fragment length polymorphism (RFLP) 254
Retinoic acid 815
Retrodifferentiation 315
Retroviral antigen 841
Risk assessment 380

Sarcophytol A 1234
Scid mouse 701
Scid-nu^{str} mouse 701
Scirrhous gastric cancer 607
Screening 1069
SDB-ethylenediamine 127
Second primary cancer 762, 1356
Serodiagnosis 1, 879
Serum-free medium 883
Sex difference 657, 922
Sexually transmitted disease 1187
Shionogi carcinoma 115 1245
Signet ring cell carcinoma 1175
Simian virus 40 T-antigen 3, 1344
Sinecomitant immunity 1292
Single strand conformation polymorphism (SSCP) 1423, 1468
Sister chromatid exchange (SCE) 51
Small cell carcinoma 12
Small cell lung cancer 332, 820
Small GTP-binding protein 758
smg p21 758
Smoking 33, 273, 497, 974
Smoking survey, Inida 142
Sodium chloride 638
Sodium *o*-phenylphenate (Na-OPP) 657
Soft tissue tumor 511
Somatic mutation 1349
Somatostatin 710
Specific targeting cancer immunotherapy 621
Spontaneous metastasis 701
Spontaneous tumor 1234
Spontaneously hypertensive rat 280
Sporadic colorectal carcinoma 1003
Squamous cell carcinoma 157, 403
Squamous cell carcinoma, oral cavity 40
Stomach cancer 497, 686, 762, 974, 1366
Structural abnormality 1015
Susceptibility, individual 146
SV40-T antigen 4, 1344

T cell receptor (TCR) 448, 456
T-cell receptor (TCR) gene 1349
Tamoxifen 1199
Target cell lysis 1139
Tegafur 613
Tegafur and uracil (UFT) 613
Teleocidin A 779

12-O-Tetradecanoylphorbol 13-acetate (TPA) 518, 665
TGF-α 325
Thorotrast patient 1349
Thromboembolism 420
Thymic lymphoma 46, 176
Thymidine kinase (TK) 742
Thymidylate synthase (TS) 476, 593, 742
Thyroid cancer 19
Thyroid hormone 98, 315
Thyroid tumor 1097
Tissue distribution 219
TNF 184, 1028, 1171
TNF-α 118, 464
TNF-β 23
dl-α-Tocopheryl acetate 511
Topoisomerase inhibitor 184
TPA 518, 665
Tracheal mucosa 638
Transcription factor AP-1 58
Transcriptional silencer 72
Transformation 58, 250, 518, 997, 1340
Transforming growth factor-α (TGF-α) 325
Transgenic mouse 4, 235, 1226, 1344
Translocation 65
Transplantation 927
Tubule cells 1344
Tumor antigen 262
Tumor blood flow 109, 1309
Tumor blood vessel 109, 1309
Tumor burden marker 1277
Tumor host 693
Tumor invasion 1104
Tumor marker 854
Tumor necrosis factor (TNF) 23, 184, 1028, 1171
Tumor necrosis factor (TNF) gene 1203
Tumor necrosis factor-α (TNF-α) 118, 464
Tumor necrosis factor-β (TNF-β) 23
Tumor progression 1061
Tumor promoter 638, 665, 779, 993, 1385
Tumor promoter receptor 665
Tumor promotion 1077, 1085, 1211
Tumor suppressor gene 835, 916, 1003
Tumor-associated antigen 559
Tumor-bearing host 315
Tumor-infiltrating lymphocyte 339, 1044, 1203
Tumor-specific transplantation antigen 841
Tumorigenicity 511

Uracil 1077, 1220
Urethane 380, 1323
Urolithiasis 1077

Vascular permeability 732
Verapamil 351
Vinblastine 1160
Vincristine (VCR) 1051
Virtually safe dose 380
Vitamin A 1051
Vitamin E 511

Walker 256 carcinosarcoma 98

X irradiation 1175
XC cells 676
Xenograft 476, 593, 607